



**OFFICE OF NAVAL
RESEARCH**
AWARD / MODIFICATION

		OFFICE OF NAVAL RESEARCH AWARD / MODIFICATION		3a. AWARDING OFFICE: Office of Naval Research HQ 875 N. Randolph St, Suite 1425 ARLINGTON VA 22203-1995				
				3b. ASSISTANCE LISTING NUMBER AND TITLE: 12.300 Basic and Applied Scientific Research				
4. AWARD NUMBER: N00014-22-1-2844		5. MODIFICATION NO: P00002		6. MODIFICATION TYPE: IF		7. PR NUMBER: 4720009862		
8. ACTIVITY/AGENCY PROPOSAL NO: GRANT13603675		9. RECIPIENT PROPOSAL NO:		10. PROPOSAL DATE: 04252022		11. ACTIVITY TYPE: R&D	12. PROGRAM TYPE: ONR	
13. ISSUED TO 13a. ADDRESS: LAUNCH ALASKA 721 DEPOT DRIVE FL 2 ANCHORAGE AK 99501-1615 UNITED STATES OF AMERICA	13b. CAGE: 7G1V8	13c. N/A	14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Isaac Vanderburg					
13d. BUSINESS OFFICE CONTACT: Isaac Vanderburg								
13e. TELEPHONE NUMBER: (907)952-3681	13f. EMAIL ADDRESS: isaac.vanderburg@launchalaska.com							
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE: Technology and Innovation Development in Alaska								
16. FUNDING PREVIOUSLY OBLIGATED:		ACTIVITY/AGENCY SHARE	RECIPIENT SHARE	TOTAL \$2,000,000.00		17. CURRENT FUNDING PERIOD N/A THROUGH N/A		
OBLIGATED BY THIS ACTION:				\$2,999,860.00				
TOTAL OBLIGATED ON AWARD:				\$4,999,860.00		18. PERIOD OF PERFORMANCE 10/01/2022 THROUGH 09/30/2027		
FUTURE FUNDING:				\$0.00				
GRANT TOTAL:				\$4,999,860.00				
19. ACCOUNTING AND APPROPRIATION DATA: See Attached Financial Accounting Data Sheet(s)								
20a. PRINCIPAL INVESTIGATOR/RECIPIENT TECHNICAL REPRESENTATIVE: Isaac Vanderburg				21. TECHNICAL REPRESENTATIVE 21a. NAME: MICHELE ANDERSON		21b. CODE: 0332		
				21c. ADDRESS: NAVAL MATERIALS & MANUFACTURING DIV 875 N. Randolph Street Arlington VA 22203-1995				
20b. TELEPHONE NUMBER: (907)952-3681	20c. EMAIL ADDRESS: isaac.vanderburg@launchalaska.com			21d. TELEPHONE NUMBER: 703-696-1938	21e. EMAIL ADDRESS: MICHELE.L.ANDERSON24.CIV@US.NAVY.MIL			
22. POC FOR THIS ACTION 22a. NAME: JAMES T CANTY (P)		22b. CODE: 0246		23a. ADMINISTRATIVE OFFICE: ONR REG Office Seattle Email:usn.pentagon.cnr-arlington-va.mbx.onr-seattle@us.navy.mil No Physical Address - Remote Function SEATTLE WA 98104		23b. CODE: N63374		
22c. ADDRESS: Office of Naval Research 140 Sylvester Road Bldg. 140, Rm 218 San Diego CA 92106-3501								
22d. TELEPHONE NUMBER:	22e. EMAIL ADDRESS: JAMES.CANTY@NAVY.MIL							
24. SUBMIT PAYMENT REQUEST TO: See FMS Article II, Section C.2.b of the ONR Addendum to the DoD R&D General Terms and Conditions		25a. PAYING OFFICE ONR Internal Entitlement N34291 usn.pentagon.cnr-arlington-va.mbx.onr-fm@us.navy.mil Arlington VA 22203		25b. CODE: N34291	26a. PATENT OFFICE: Office of Naval Research ATTN: ONR Office of Counsel Intellectual Property Section One Liberty Center 875 North Randolph Street, Suite 1425 ARLINGTON VA 22203-1995		26b. CODE: N00014	

NAVONR 4206 (1-2022)

EXHIBIT 4

AWARD NO. N00014-22-1-2844	AWARD / MODIFICATION		MODIFICATION NO. P00002				
<p>27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5</p>							
<p>28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: https://www.onr.navy.mil/work-with-us/manage-your-award/onr-regional-offices</p> <p>This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.</p>							
<p>29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.</p> <table border="1"> <thead> <tr> <th>DOCUMENT</th> <th>URL</th> </tr> </thead> <tbody> <tr> <td colspan="2"> <p>The following documents may be found at: https://www.nre.navy.mil/work-with-us/manage-your-award/manage-grant-award/grants-terms-conditions</p> <ul style="list-style-type: none"> - DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (SEP 2023) - UA WA AWARD A (SEP 2017) - ONR ADDENDUM TO THE DOD R&D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS FOR DOMESTIC AWARDEES (JULY 2022) </td> </tr> </tbody> </table>				DOCUMENT	URL	<p>The following documents may be found at: https://www.nre.navy.mil/work-with-us/manage-your-award/manage-grant-award/grants-terms-conditions</p> <ul style="list-style-type: none"> - DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (SEP 2023) - UA WA AWARD A (SEP 2017) - ONR ADDENDUM TO THE DOD R&D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS FOR DOMESTIC AWARDEES (JULY 2022) 	
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30. OPTIONS	AMOUNT	PERIOD					
(1)							
(2)							
(3)							
(4)							
<p>31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the General Terms and Conditions and in any additional language for Part 5 in an ONR Addendum to the General Terms and Conditions specified in Block 29.</p>							
32. FOR THE RECIPIENT		33. FOR THE UNITED STATES OF AMERICA					
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN		<p>33a. SIGNATURE OF AWARDING OFFICER</p> <p>Digitally signed by JAMES CANTY 1269158839 Dated: 2023.11.24 12:43:25 EST</p>					
32b. NAME AND TITLE OF SIGNER	32c. DATE SIGNED	33b. NAME AND TITLE OF AWARD OFFICER	33c. DATE SIGNED				
		JAMES CANTY	11/24/2023				

NAVONR 4206 (1-2022)

EXHIBIT 4

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL)		2. SPIIN (CRITICAL)			3. MOD (CRITICAL)				4. PR NUMBER					7. AMOUNT (CRITICAL)	NAVY INTERNAL USE ONLY REF DOC/ACRN	
N00014-22-1-2844					P00002				4720009862							
5. CLIN/SLIN	6. LINE OF ACCOUNTING															
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE					
PROJ UNIT											MCC	PDLI & SUF				
AB	1731319	W2DB	410	00	014	0	050120	2D	000000	0C2042	193	000	\$2,999,860.00			
PAGE TOTAL													\$2,999,860.00			
GRAND TOTAL													\$2,999,860.00			
PREPARED/AUTHORIZED BY:				COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____											for COMPTROLLER, ONR CONTRACT REVIEWED	
NAVONR.4206 (1-2022)																

EXHIBIT 4

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-22-1-2844		2. SPIIN (CRITICAL)	3. MOD (CRITICAL) P00002	4. PR NUMBER 4720009862	
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION			8. AMOUNT (CRITICAL)
					NAVY INTERNAL USE ONLY REF DOC/ACRN
PAGE TOTAL					
GRAND TOTAL					
PREPARED/AUTHORIZED BY: DATE:		COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE BY _____ DATE: _____ for COMPTROLLER, ONR CONTRACT REVIEWED			

NAVONR 4206 (1-2022)

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AWARD NO.	SPECIAL REQUIREMENTS	MODIFICATION NO.
N00014-22-1-2844		P00002
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